EN User's Manual

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Air Conditioning & Refrigeration Solutions

TECHNICAL FEATURES

- Power Supply: 230/240 V – 50/60 Hz
- 20 Liters Internal Storage Tank
- Capacity of the pump: 14 l/min
- Maximum power of the pump: 0.75 Kw
- Maximum pressure of the pump: 0.45 MPa
- Mechanical sealing pump with EPDM gaskets
- Mechanical inlet filter
- Connection for the external nitrogen pump
- External taps to invert the flush cycle without disconnecting the hoses
- 3m flexible hoses with 1/4 SAE ball valve
- Adapters kit for connecting to A/C systems
- Interchangeable connections: ¼ SAE -3/8 SAE- ½ SAE (2 pieces each type)
- Weight: 20Kg
- Incorporated cart
- Dimensions: 445x300x740 mm

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PREPARATION FOR THE USE OF EASY FLUSH

A) Inlet hose to the A/C system with swivel 1/4 SAE ball valve (RED))
B) Outlet hose from the A/C system with swivel 1/4 SAE ball valve (BLUE)
1) Filter
2) ON/OFF button
3) Tap for the discharge of the contaminated flushing liquid
4) Tank for the flushing liquid
5) Tank cap for flushing liquid
6) Nitrogen Inlet
7) Adapters 1/4 x 1/4 SAE (2 pcs.) - 1/4 x 3/8 SAE (2 pcs.) - 1/4 x 1/2 SAE (2 pcs.)
8) Universal Adapters to connect to all systems (Automotive / HVAC & R)

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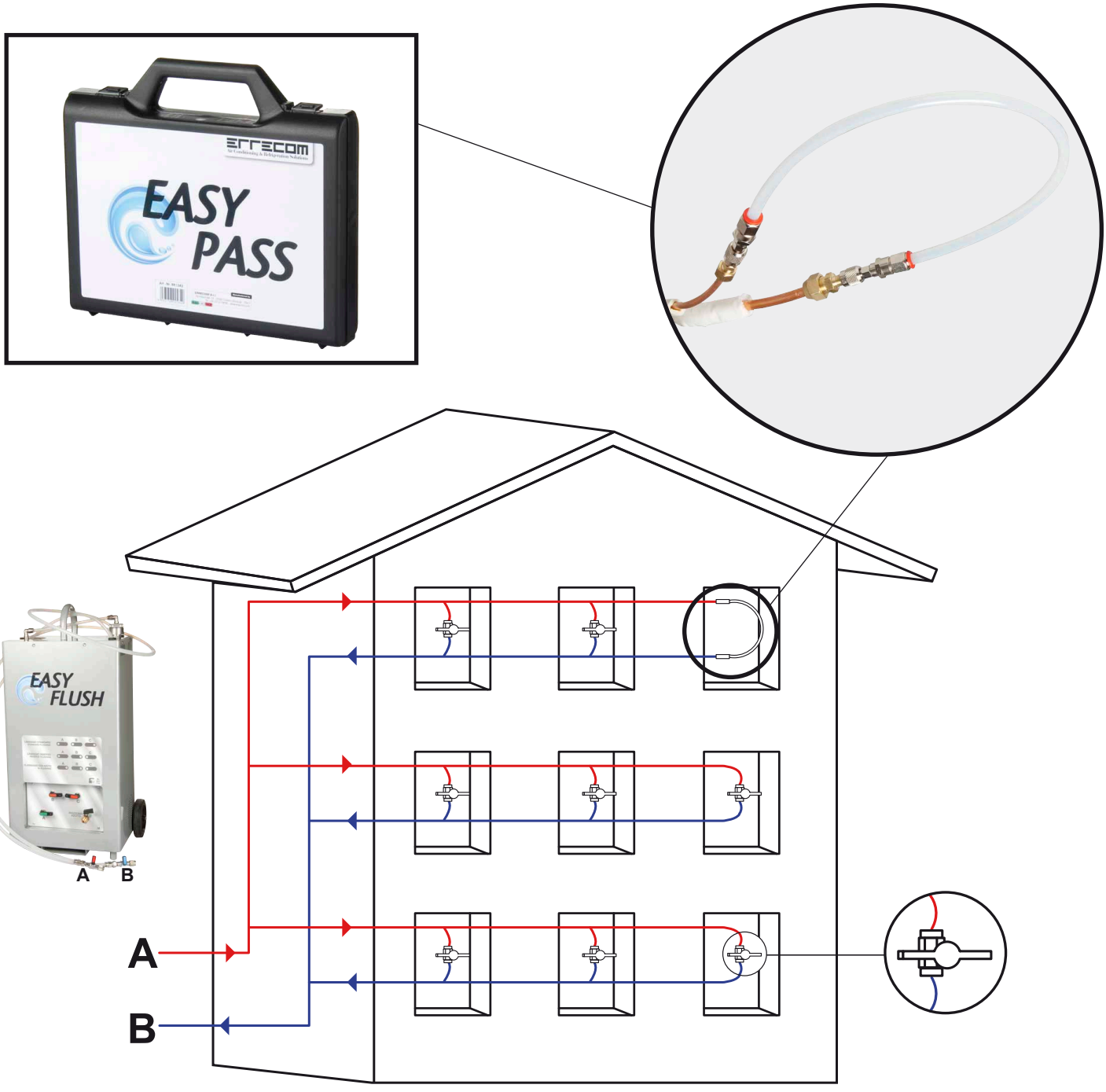
CONNECTION TO AN HVAC SYSTEM

Connect the fittings supplied in the kit according to the type of system to be flushed. Tighten the connections in a suitable manner to avoid any fluid leakage during the flushing operation. Divide into sectors the various parts of the system to make the flushing operation more effective. To run this operation open/close the various valves of each branch of the system; if necessary, use EASY-PASS (Art-Nr.RK1343 not included).
See the following scheme.



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INSTRUCTIONS TO FLUSH AN A/C SYSTEM

1) Unscrew the cap (5) of the tank of Easy-Flush and pour the flushing liquid (maximum 20 Liters)
2) Connect the inlet hose (A) of Easy-Flush at one end of the A/C system to be flushed using appropriate adapters (7) / (8).
3) Connect the outlet hose (B) of Easy-Flush at the other end of the A/C system to be flushed using appropriate adapters (7) / (8).
4) Place the taps following the diagram below.
5) Turn the pump on with the ON/OFF button (2) and let the liquid circulate for at least 4/5 minutes.

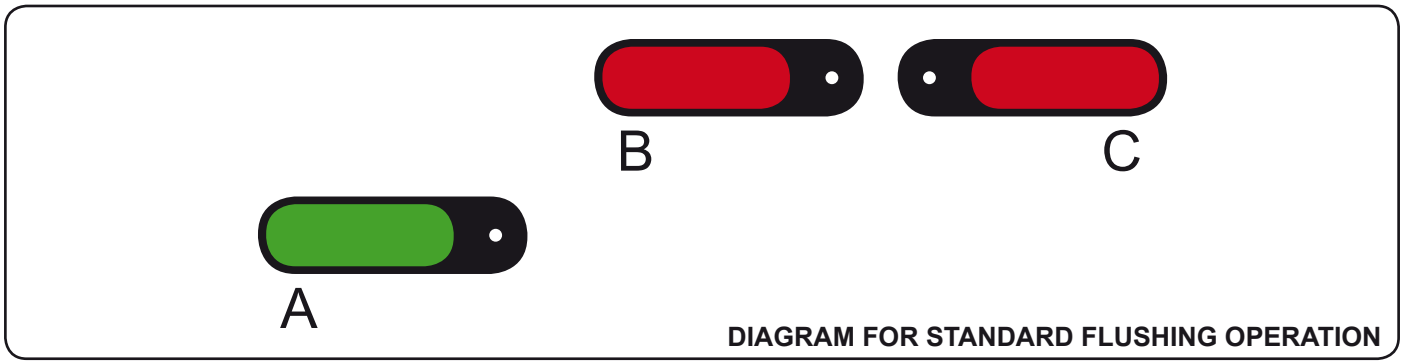


DIAGRAM FOR STANDARD FLUSHING OPERATION

6) Turn the pump off.
7) Change the setting of the taps following the diagram below.
8) Turn the pump on and let the liquid circulate in the opposite direction for at least 4/5 minutes.

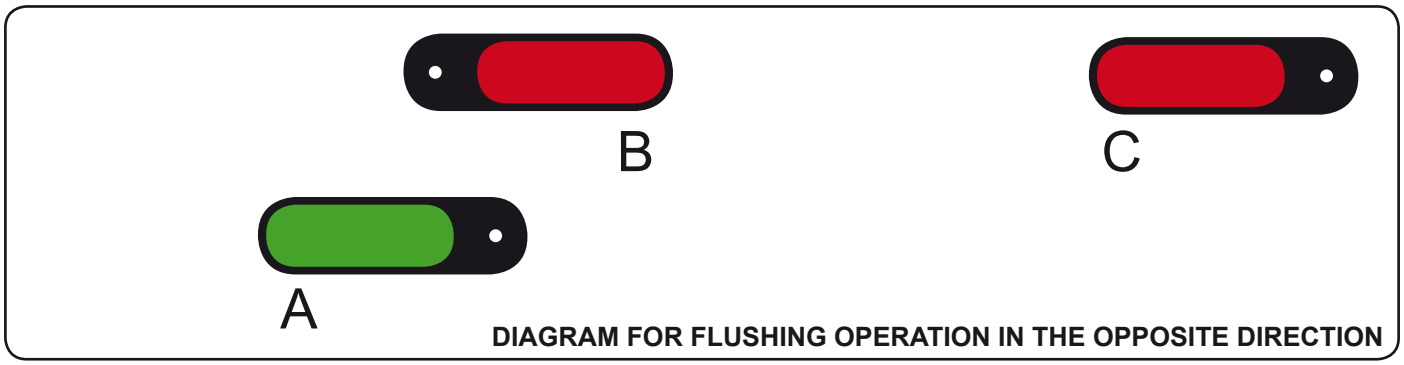


DIAGRAM FOR FLUSHING OPERATION IN THE OPPOSITE DIRECTION

9) Turn the pump off.
10) Change the setting of the taps following the diagram below.
11) Connect a nitrogen cylinder to Easy Flush.
12) Adjust the nitrogen pressure at maximum 5 bar.
13) Change the setting of the inlet tap for nitrogen (6) to regulate the flow inside the system.
14) The nitrogen pressure will begin to push the flushing liquid remained in the system, within the tank of Easy-Flush.
15) Close the inlet tap for nitrogen. (6).
16) Disconnect the hoses from the system.

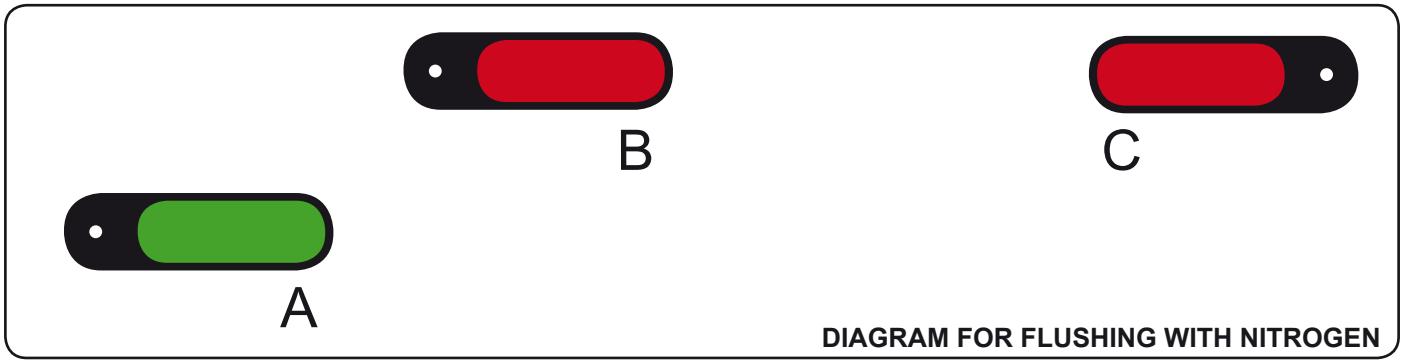
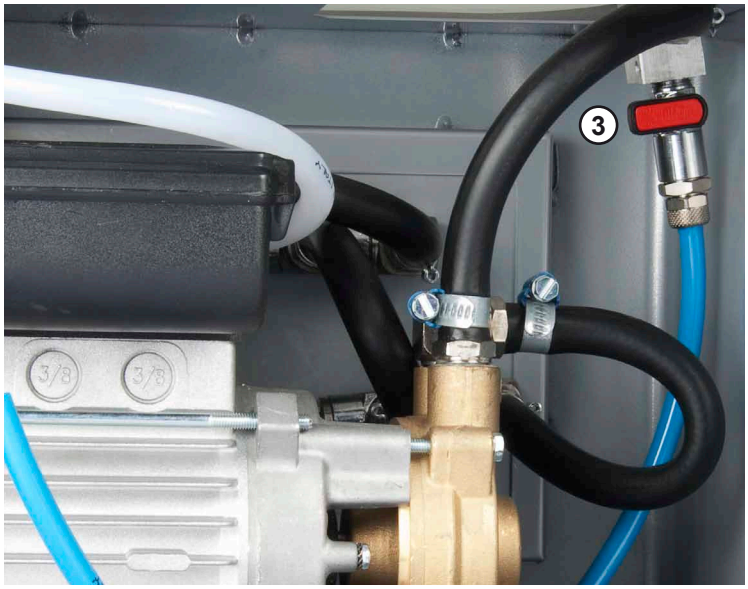


DIAGRAM FOR FLUSHING WITH NITROGEN

17) At the end of the flushing operation make a vacuum cycle of minimum 40 minutes.

INSTRUCTIONS FOR THE RECOVERY OF CONTAMINATED FLUSHING LIQUID

1) Change the setting of the tap (3) located on the back of Easy-Flush to recover the contaminated liquid.



INSTRUCTIONS FOR CLEANING THE FILTER

We recommend cleaning the filter of Easy -Flush every 10 flushing operations.

1) Unscrew the filter housing (1) placed on the side of Easy-Flush.
2) Remove the inner filter.
3) Proceed to the washing of the filter by immersing it for 3 minutes in a container filled with flushing liquid for A/C system.
4) Blow with compressed air.
5) Replace the filter.

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